





Fig 2

125

SERVER MODULE #	1 (SOURCE)					3 (DESTINATION)						
DISK #	0	1	2	3	4	5	0	1	2	3	4	5
EXTENT #	0	→ 1	→ 2	→ 3	→ 4	→ 5	0	→ 1	→ 2	→ 3	→ 4	→ 5

$\curvearrowright 5 \rightarrow 6 \rightarrow 7 \rightarrow 8 \rightarrow 9 \rightarrow 10$
 $\curvearrowright 5 \rightarrow 6 \rightarrow 7 \rightarrow 8 \rightarrow 9 \rightarrow \dots$
 $\curvearrowright 11 \rightarrow 12 \rightarrow \dots$

1 (SOURCE)

3 (DESTINATION)

310

320

FIG 3A

330

FIG

3B

disk present time

time

time

\square = Streamed Extent
 1 = Presently being accessed extent
 2 = Next extent to be read
 Extent 1 is read to have been read
 Read, stored in buffer and is extent 2 and
 presently stored in buffer to user

$t < t_m$

need to have had to have
 read extent 3 read extent 4
 and stored in buffer
 waiting

FIG. 3B





